APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Anionic Polymerisation in the Presence of Alkali Metals and Their Compounds, by A. R. Gantmakher, Yu. L. Spirin, 10 pp.

RUSSIAN, per, Uspekh Khim, No 5, 19[illegible], pp 629-647.

Cleaver-Hume Press

Sci

Apr 61

145,188

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spirin, Yu. L., Polyakov, D. K. and others.
THE ETHYLLITHIUM INITIATED POLYMERIZATION AND COPOLYMERIZATION OF ISOPRENE.
[1960] 12p. 11 refs.
Order from LC or SLA m$2.40, ph$3.30 61-10731

Trans. of Vysokomolekularnyye Soyedineniya (USSR) 1960, v. 2 [no. 7] p. 1082-1092.

(Chemistry--Organic, TT, v. 5, no. 9)

61-10731

1. Isoprene--Polymerization
2. Copolymerization
3. Lithium compounds (Organic)--Catalytic properties

I. Spirin, Yu. L.
II. Polyakov, D. K.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spirin, Yu. L., Gantmakher, A. R., and Medvedev, S. S.
THE MECHANISM OF POLYMERIZATION IN THE PRESENCE OF ORGANIC ALKALINE METAL COMPOUNDS (O Mekhanizme Polimerizatsii Prisutstvii Organicheskikh Soyedinenii Shchelochnykh Metallov) tr. by G. Belkov. 1960, 15p. 15 refs. Technical trans. 911.
Order from NRCC $1.00 NRCC C-3481

Trans. of Vysokomolekulyarnyye Soyedineniya (USSR) 1959, v. 1, no. 8, p. 1258-2164.
Another translation is available from ATS $12.95 as ATS-60M41R [1960] 8p.

(Chemistry--Organic, TT, v. 5, no. 8)

61-12617

1. Polymerization--Stimulation
2. Organic compounds--Catalytic properties
3. Alkali metals--Catalytic properties
I. Spirin, Yu. L.
II. Gantmakher, A. R.
III. Medvedev, S. S.
IV. NRCC TT-911
V. NRCC C-3481
VI. National Research Council of Canada

Office of Technical Services

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APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

(FDD 25732)

Importance of the Induction Mechanism in the Restoration of Conditioned Motor Reactions in Man, by V. G. Spirin, V. L. Fantelova, 29 pp.

RUSSIAN, bimo per, Zhur Vysshey Nerv Deyatel' imeni I. P. Pavlova, Vol IV, No 3, Moscow, May/Jun 1954, pp 366-380.

CIA/FDD U 8904
39,585

USSR
Sci - Medicine, neurophysiology
Oct 56

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Synthesis and Polycondensation of
p-Aminoethylphenylalkanecarboxylic Acids,
by M. N. Bogdanov, G. I. Kudryavtsev,
I. A. Spirina, 5 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No [illegible], 1960,
pp 263-266.

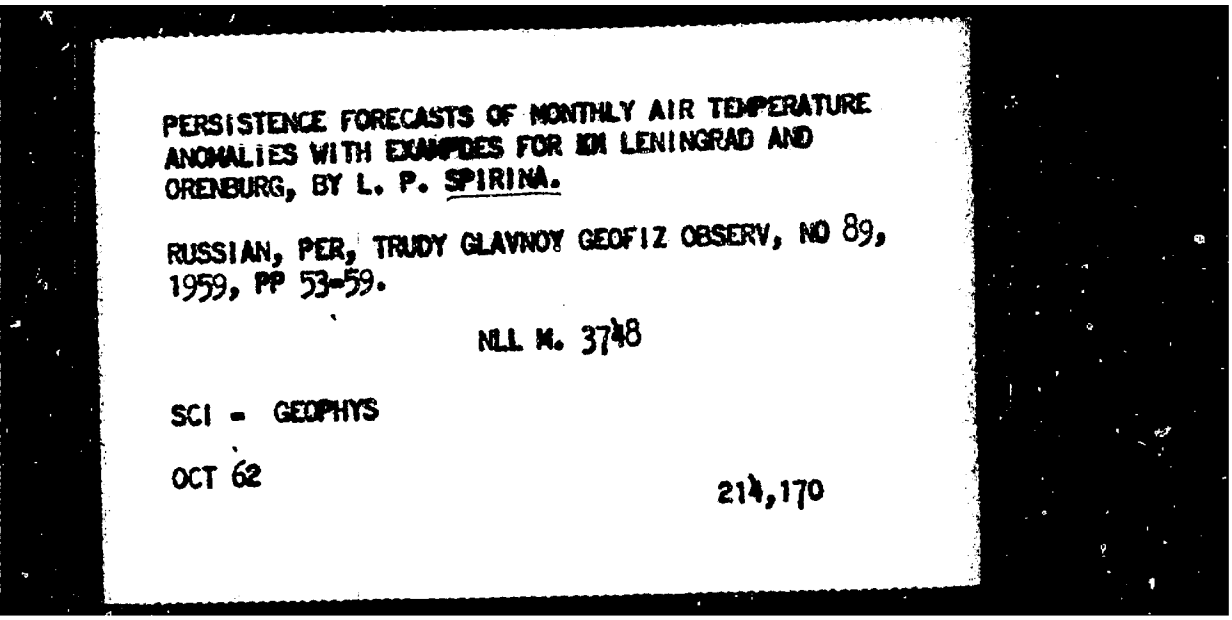
Sci

144,134

Feb 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



PERSISTENCE FORECASTS OF MONTHLY AIR TEMPERATURE ANOMALIES WITH EXAMPLES FOR KM LENINGRAD AND ORENBURG, BY L. P. SPIRINA.

RUSSIAN, PER, TRUDY GLAVNOY GEOFIZ OBSERV, NO 89, 1959, PP 53-59.

NLL M. 3748

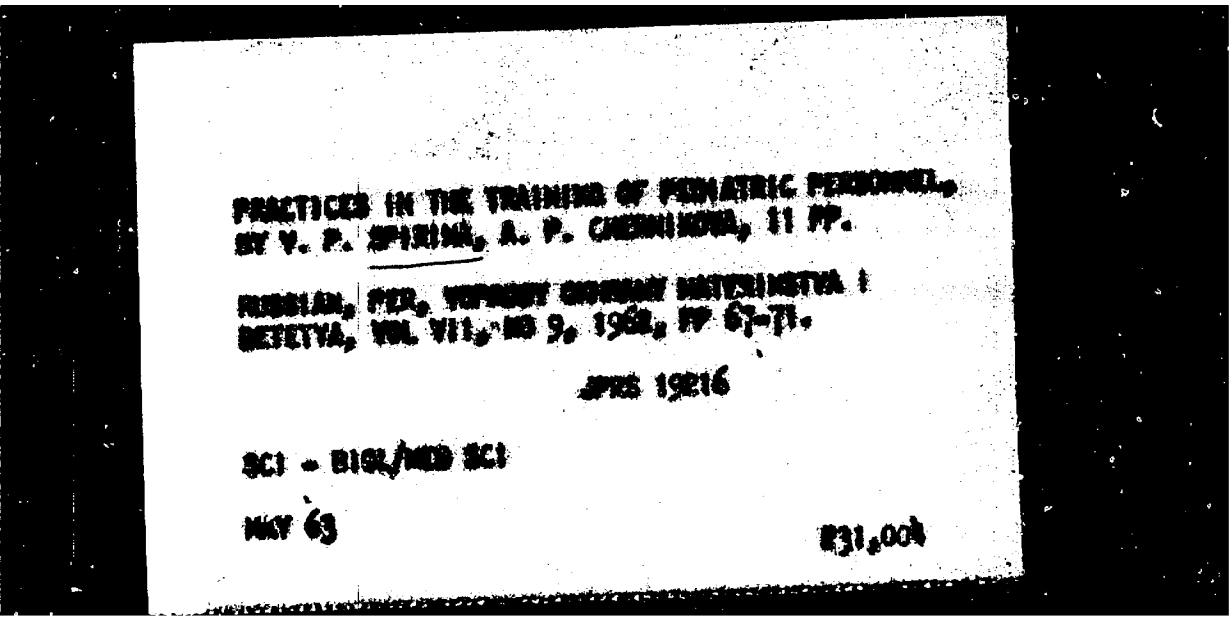
SCI - GEOPHYS

OCT 62

214,170

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



PRACTICES IN THE TRAINING OF PEDIATRIC PERSONNEL.
BY V. P. SPIRINA, A. P. CHERNIKOVA, 11 PP.

RUSSIAN, PER, VOPROSY OKHRANY MATERINSTVA I
DETSTVA, VOL VII, NO 9, 1962, PP 67-71.

JPRS 19216

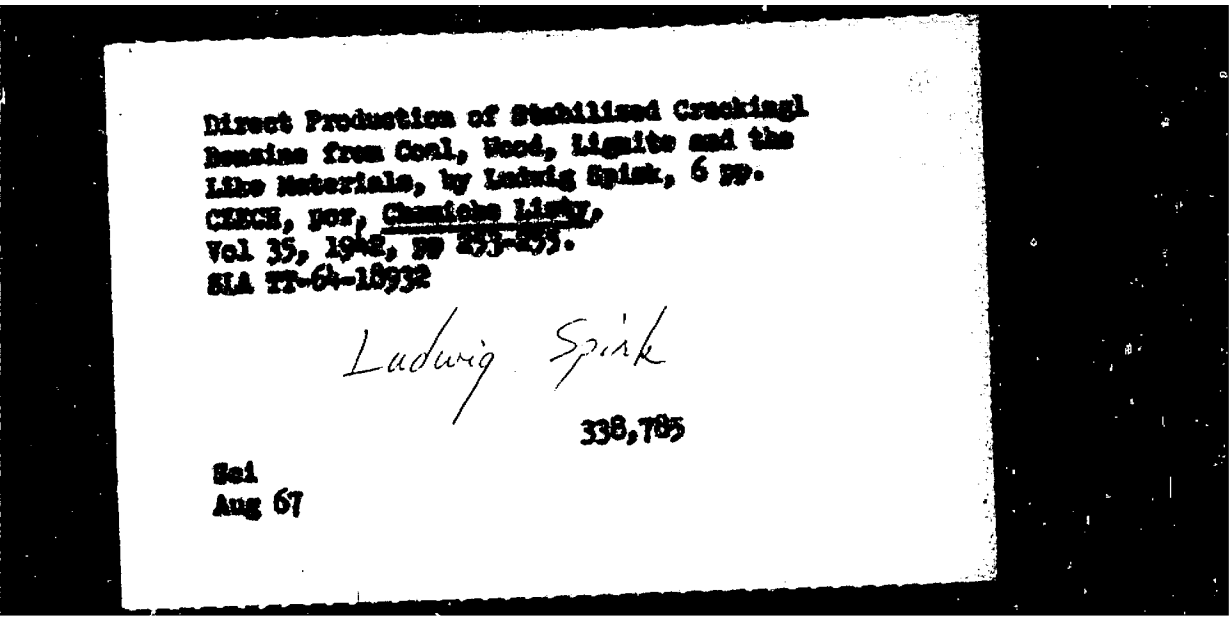
SCI - BIOL/MED SCI

MAY 63

$31,00

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Direct Production of Stabilized Cracking
Benzine from Coal, Wood, Lignite and the
Like Materials, by Ludwig Spink, 6 pp.
CHECH, per, Chemicke Listy,
Vol 35, 1942, pp 253-255.
SLA TT-64-10932

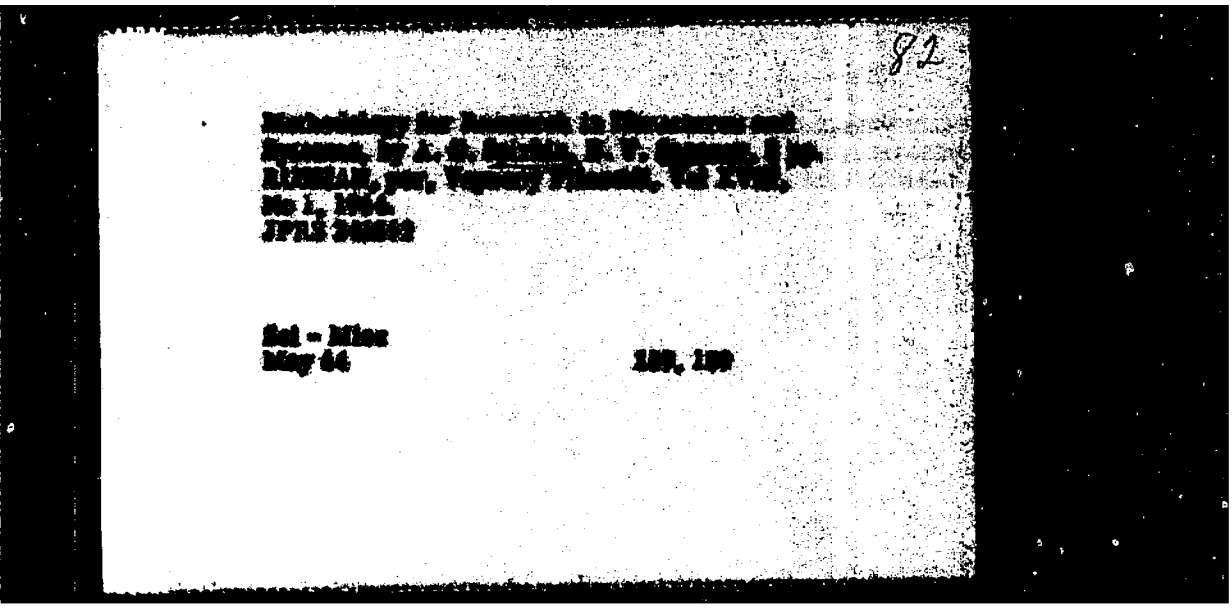
Ludwig Spink

338,785

Sci
Aug 67

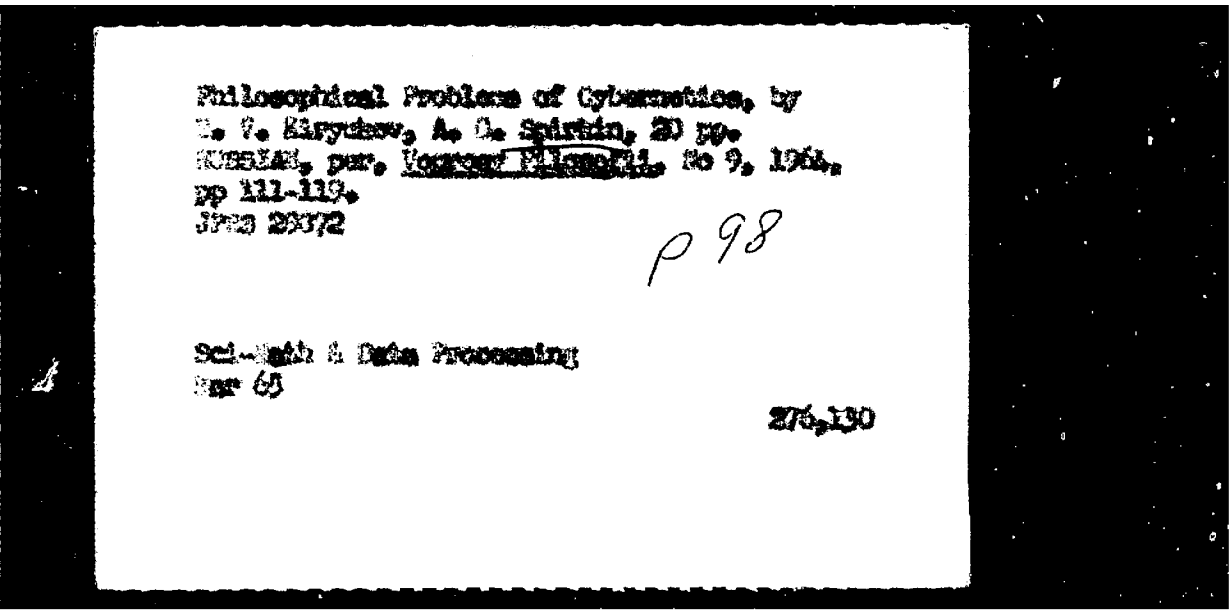
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Philosophical Problems of Cybernetics, by
[illegible] Kirychev, A. D. Spirkin, 20 pp.
[illegible], per. Voprosy Filosofii, No 9, 1964,
pp 111-119.
JPRS 29372

p 98

Sci-[illegible] & Data Processing
Mar 65

276,130

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

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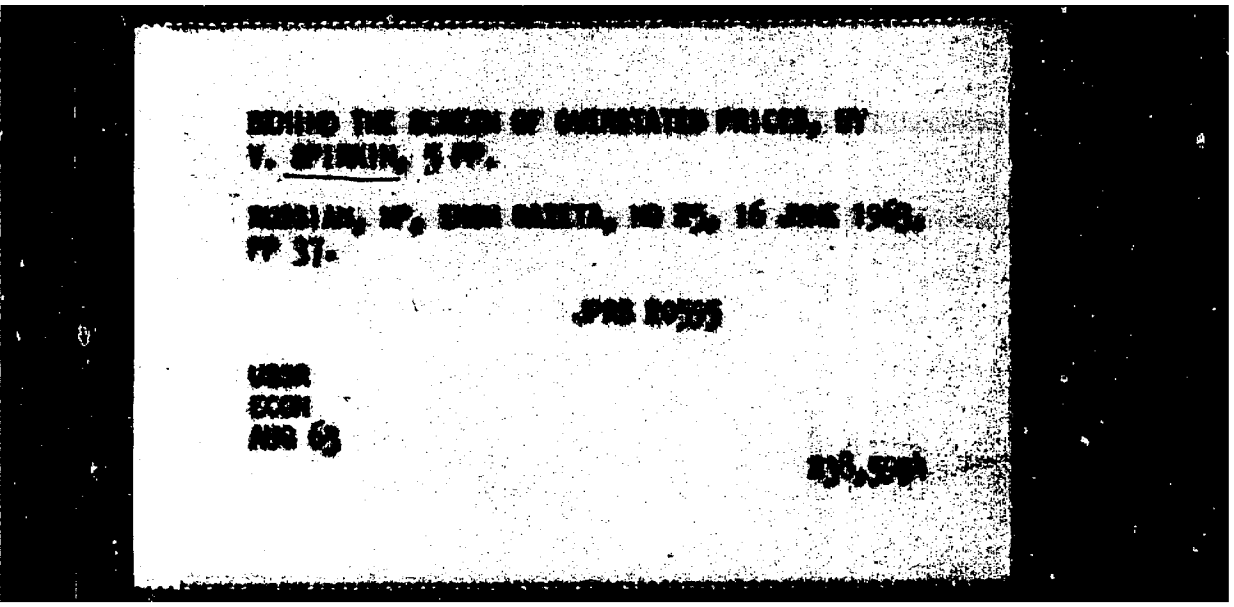

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

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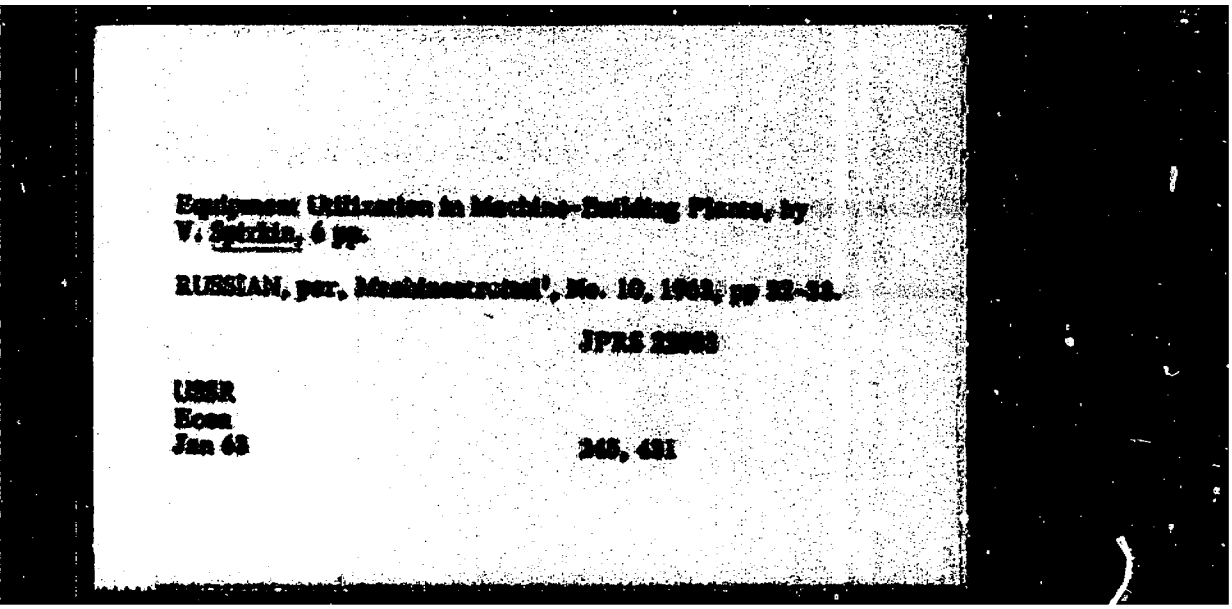


Equipment Utilization in Machine-Building Plants, by V. Spichin, 6 pp.

RUSSIAN, per. Mashinostroenie, No. 10, 1962, pp 32-38.

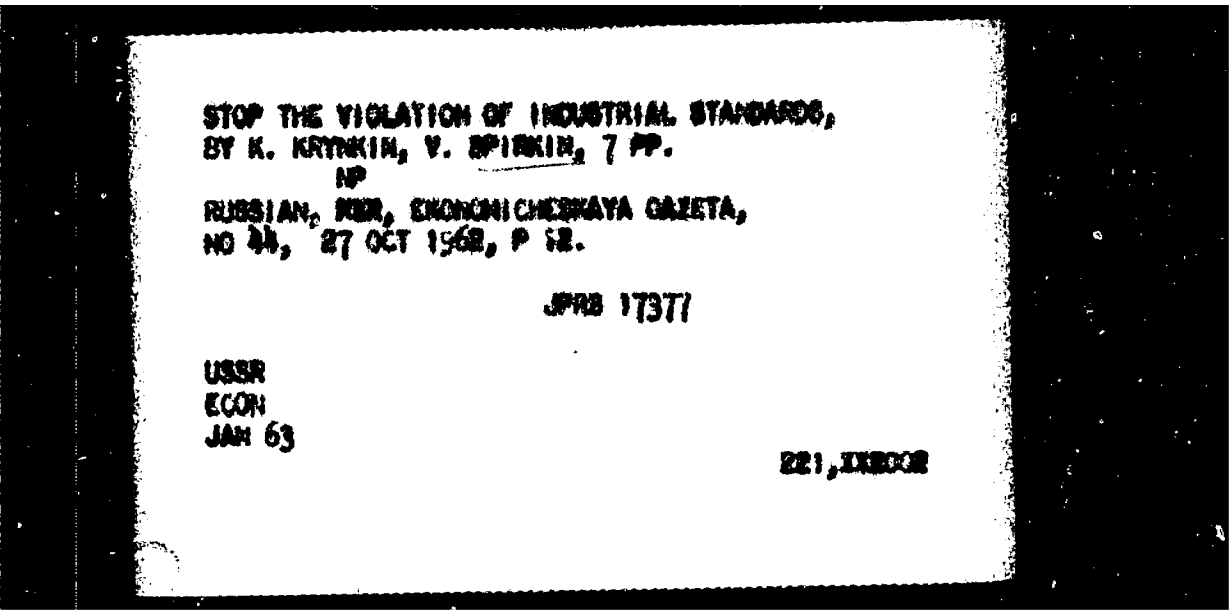
JPRS 22963

USSR
Econ
Jan 63

245, 421

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



STOP THE VIOLATION OF INDUSTRIAL STANDARDS,
BY K. KRYNKIN, V. SPIRKIN, 7 PP.
NP
RUSSIAN, NEW, EKONOMICHESKAYA GAZETA,
NO 44, 27 OCT 1962, P 12.

JPRS 17377

USSR
ECON
JAN 63

221,XXXXX

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

(NY-3000)

The Automated Krasnodar Chain Plant,
by V. Spirkin, 5 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, 13 Nov 1961.

JPRS 13116

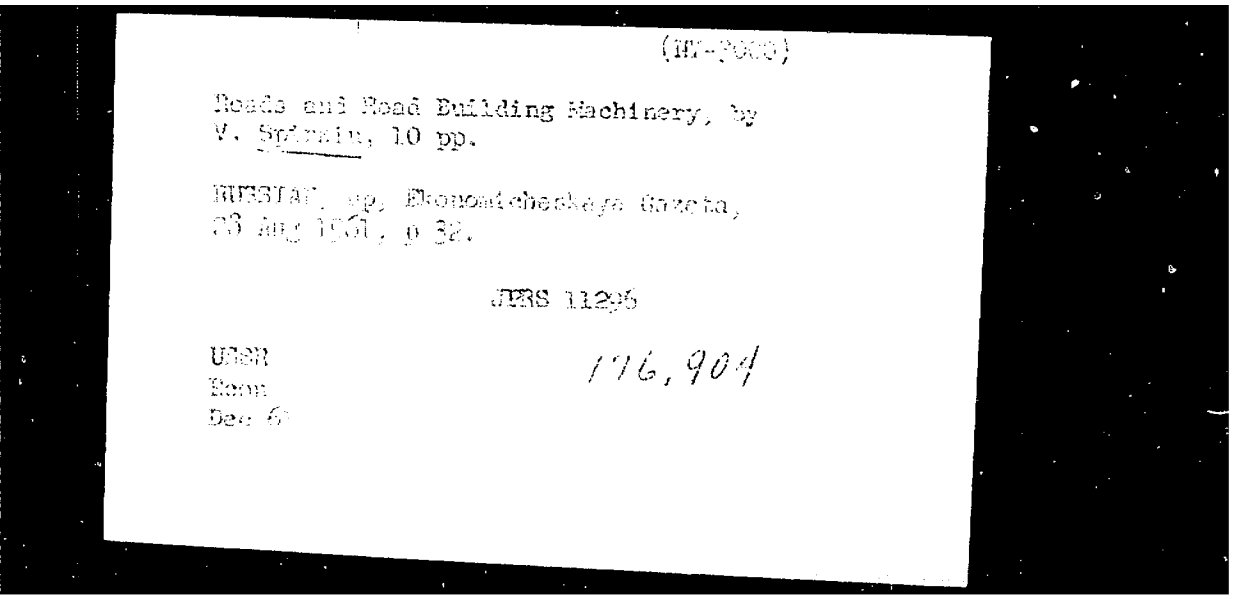
USSR
Econ

190,576

Mar 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



(IE-2000)

Roads and Road Building Machinery, by V. Spirin, 10 pp.

RUSSIAN, sp, Ekonomicheskaya Gazeta, 23 Aug 1961, p 32.

JPRS 11296

USSR
Econ
Dec 61

176,904

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spirkov, A.
ANALYSE QUANTITATIVE DES PHASES DES ALLIAGES "KOVAR" AU MOYEN DES RAYONS X. (Quantitative Phase Analysis of Kovar Alloys by X-ray Diffraction Methods). 19p. 20refs. CNRS-XVII 515. Order from OTS, ETC or CNRS $0.80 TT-62-28227

Trans. in French of Hutnické Listy (Czechoslovakia) 1957, v.12, no.7, p.609-613.

DESCRIPTORS: *Iron alloys, Nickel alloys, Cobalt alloys, *Phase studies, Quantitative analysis, *X-ray diffraction analysis,

(Metallurgy--Ferrous Metals, TT, v.11, no. 6)

TT-62-28227

1. Title: Kovar alloys
1. Spirkov, A.
II. CNRS-XVII 515
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

An X-Ray Study of Plastically Formed Kovar Alloys, by Alexander Spirkov, 8 pp.

CZECH, per, Hutnicke Listy, Vol XIV, No 4, 1959, pp 316-319.

SLA 61-20198

Sci
Mar 62
Vol VII, No 3

188,087

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

(NY-6450)

BASIC TRENDS IN THE DEVELOPMENT OF THE TEXTILE INDUSTRY IN BULGARIA, BY PETKO SPIRKOV, VASIL VYTOV, 87 PP.

BULGARIAN, BK, OSNOVNI NASOKI V RAZVITIETO NA TEKSTILNATA PROMISHLENOST V NARODNA REPUBLIKA BULGARIYA, 1961, PP 176-193, 198-213, 215-251, 259-275.

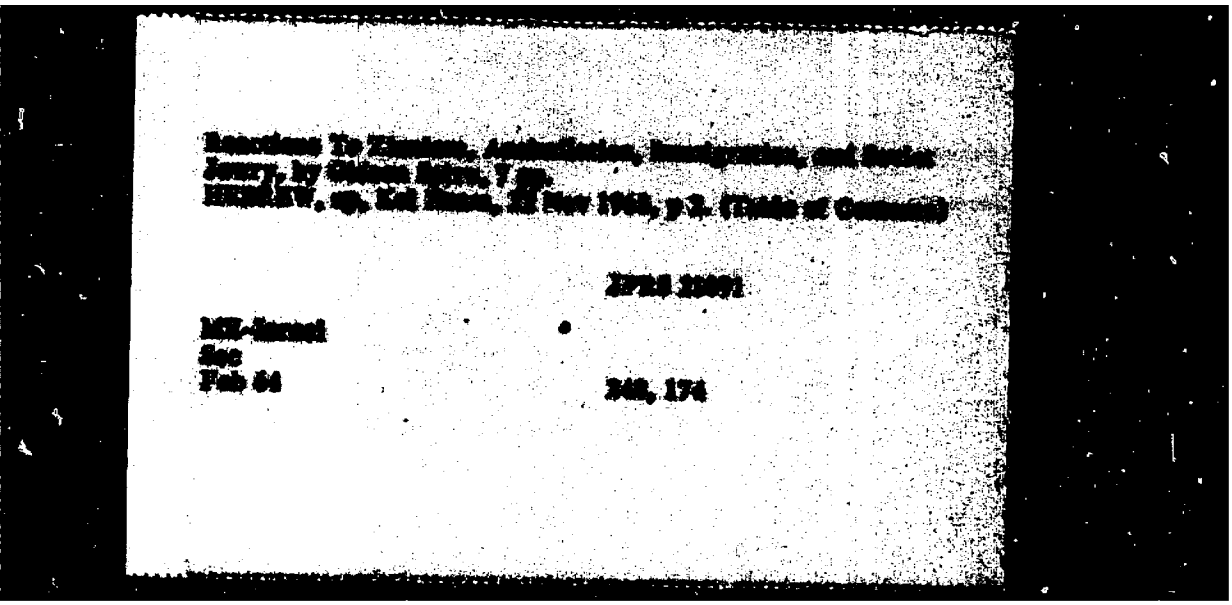
JPRS 13709

EEUR -BULGARIA
ECON

194,617

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Vapour Pressure Curves for Saturated Two-Component Aqueous Solutions, by L. Akhumov and N. Spiro.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVII, No 2, 1954, pp 269-272.

CSIRO-3144

SLA R-3757

Sci

Jul 58

68,277

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spiro, N. S., Gramberg, I. S., and Vovk, T. L.
METHOD FOR A COMPARATIVE STUDY OF THE CHEMICAL COMPOSITION OF TERRIGENOUS SEDIMENTARY ROCKS. [1962] [196]p. 49 refs.
Order from OTS or SLA $13.50 62-18719

Trans. of Nauchno-Issledovatel'skii Institut Geologii Arktiki. Trudy (USSR) 1956, v. 86, p. 9-112.

DESCRIPTORS: *Sedimentary rock, Rock (Geology), Chemical analysis, *Geochemistry, Minerals, Petrology, Marine geology.

In this work the main attention is devoted to the formulation of methods for the comparison of the conditions of the sediment-accumulation in various facies regions, and in some cases a historicogeological comparison is carried out. (Author)

(Earth Sciences--Geology, TT, v. 9, no. 8)

62-18719

I. Spiro, N. S.
II. Gramberg, I. S.
III. Vovk, T. L.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Composition of Adsorbed Clay in Equilibrium Solutions Resembling Sea Water, by N. S. Spiro.

RUSSIAN, rpt, from Geochemical Methods in the Study of the Terrigenous Sediments, 1956, pp 113-133.

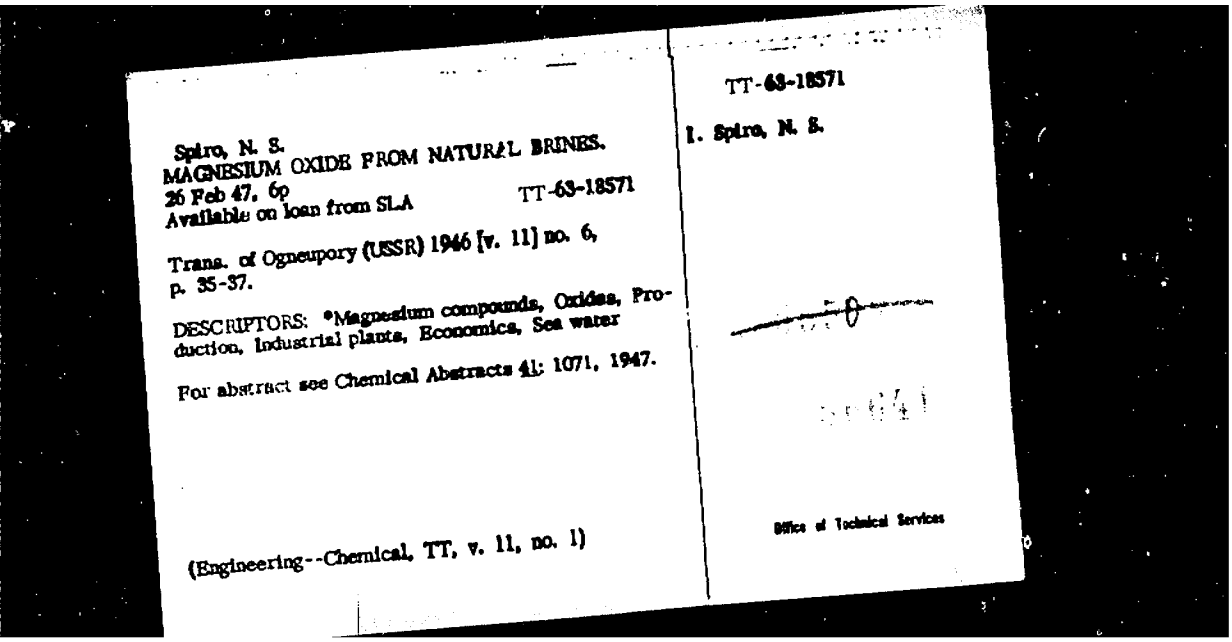
MEB

Sci

Feb 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Spiro, N. S.
MAGNESIUM OXIDE FROM NATURAL BRINES.
26 Feb 47. 6p
Available on loan from SLA TT-63-18571

Trans. of Ogneupory (USSR) 1946 [v. 11] no. 6, p. 35-37.

DESCRIPTORS: *Magnesium compounds, Oxides, Production, Industrial plants, Economics, Sea water

For abstract see Chemical Abstracts 41: 1071, 1947.

(Engineering--Chemical, TT, v. 11, no. 1)

TT-63-18571

1. Spiro, N. S.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Patterns of Solubility Change IV. The Solubility Equation for Isotherms in Multicomponent Systems, by E. L. Akhumov, M. S. Spiro. 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, Jan 1951/

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,906

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Determination of the Extent of Hydration of Highly Soluble Salts in Concentrated Solutions, by E. I. Akhumov, N. S. Spiro, 5 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 1, 1957, pp 157-159.

AEC Tr-4051
PL-480

Sci - Chem
Feb 61
PSF-78

138,302

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Methods in the Study of the Comparative Chemistry of the Clastics, by N. S. Spiro.

RUSSIAN, paper from Geochemical Methods in the Study of the Terrigenous Sediments, 1956, pp 2-113

MEB

Sci

Feb 63

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Solubility of Chlorides in Hydrochloric Acid, by
E. I. Akhumov, N. S. Spiro, 6 pp.

Full translation.

RUSSIAN, mo per, Zhur Prik Khim, Vol XXVII, No 11,
1954, 1163-1169. CIA C 41474

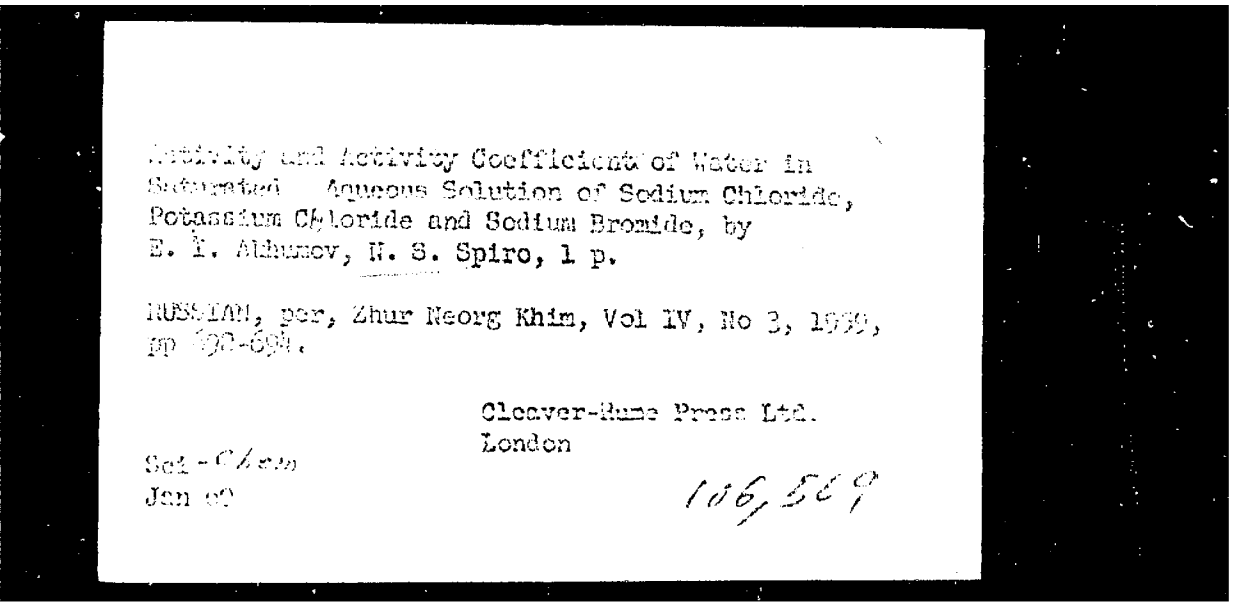
Consultants Bureau

Scientific - Chemistry
Apr 56 CTS/dex

32,952

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Activity and Activity Coefficients of Water in Saturated Aqueous Solution of Sodium Chloride, Potassium Chloride and Sodium Bromide, by E. I. Akhumov, N. S. Spiro, 1 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3, 1959, pp 690-694.

Cleaver-Hume Press Ltd.
London

Sol-Chem
Jan 60

106,509

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Patterns of Solubility Change V. Raoult's Law, by E. I. Akhumov, N. S. Spiro. 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, Jan 1951.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry 12,907

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Calculating Water Activity Coefficients in Binary Solutions, by K. I. Akhumov, N. S. Spiro, 4 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XXVIII, No 2, USSR, Feb 1955, pp 205-207. CIA D 151339

D 251170

Consultants Bureau

Scientific - Chemistry CTS 69/Jun 55

24,623

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Patterns of Change in Solubility. III. Energy Characteristics of Isotherms in Multicomponent Systems, by E. I. Akhumov, N. S. Spiro, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XX, No 2, Feb 1950.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,905

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Calculation of the Joint Solubility of Salts, by N. S. Spiro, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 10, 1961, pp 2363-2369.

Cleaver-Hume Press

Sci
Sep 62

210,546

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Laws of Solubility Variations. II. Energy Characteristics of Polythermal Eutonic Points in Multicomponent Systems, by E. I. Akhumov, M. S. Spiro.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 1, 1949, pp 15-20.

Consultants Bureau Translation

Full Tr in Lib

Scientific - Chemistry

12,904

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Laws Governing Change in Solubility, by E. I. Akhumov and N. S. Spiro, 3 pp.

Full translation

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXII, No 5, May 1952, pp 737-739.

Consultants Bureau

Sci - Chem Dec 53 CTS

7454

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spiro, Peter.
ELECTRO-FORMED HARD NICKEL MOLDS FOR THE PROCESSING OF PLASTICS (Galvanoplastisch hergestellte Hartnickel-Formen für die Kunststoffverarbeitung). Presented to the German Plastics Convention, Dusseldorf, 20 Oct 59. [1964] [16p]
Order from SLA $1.60 TT-64-14049
Trans. of Kunststoffe (West Germany) 1960, v. 50, no. 3, p19-P22 (p. 191-194)

(Materials--Plastics, TT, v. 11, no. 12)

TT-64-14049

I. Spiro, P.
II. Title: German...

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Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

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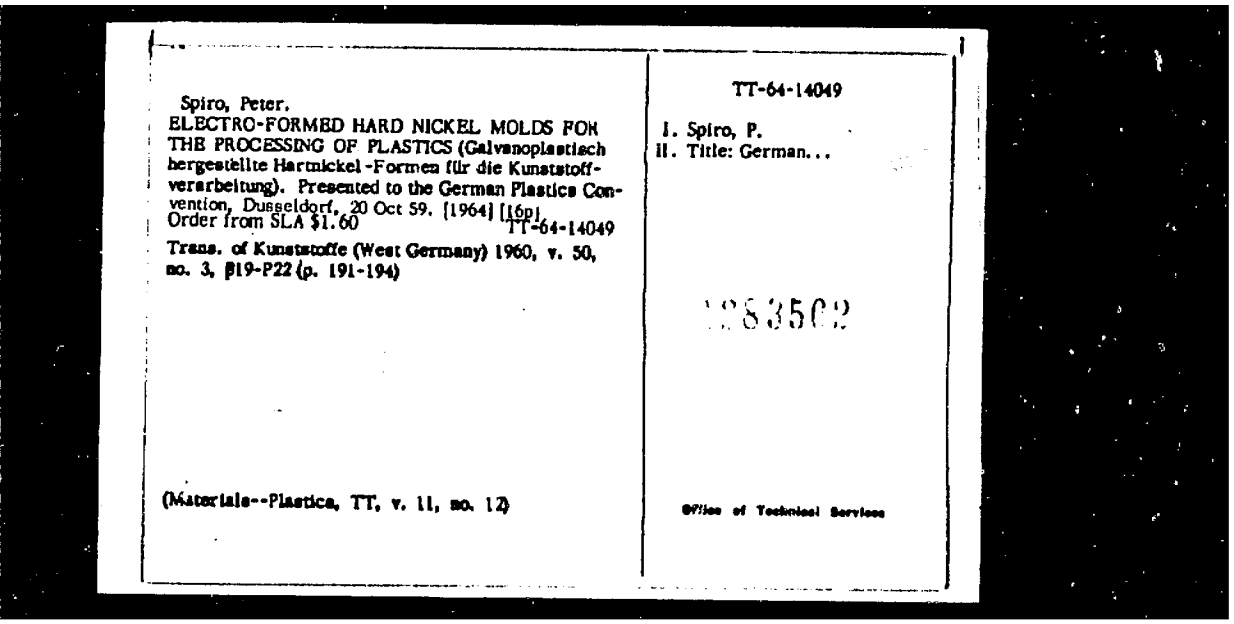

Spiro, Peter.
ELECTRO-FORMED HARD NICKEL MOLDS FOR THE PROCESSING OF PLASTICS (Galvanoplastisch hergestellte Hartnickel-Formen für die Kunststoffverarbeitung). Presented to the German Plastics Convention, Dusseldorf, 20 Oct 59. [1964] [16p]
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Trans. of Kunststoffe (West Germany) 1960, v. 50, no. 3, β19-P22 (p. 191-194)

(Materials--Plastics, TT, v. 11, no. 12)

TT-64-14049

I. Spiro, P.
II. Title: German...

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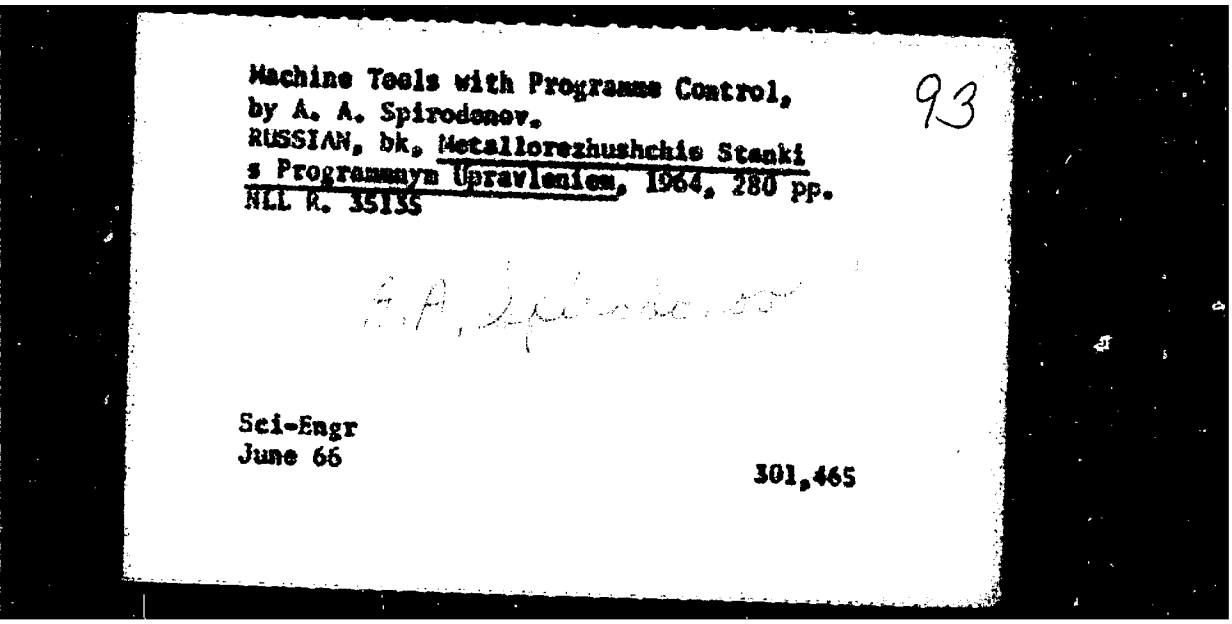
Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Machine Tools with Programme Control,
by A. A. Spirodonov.
RUSSIAN, bk, Metallorezhushchie Stanki
s Programmnym Upravleniem, 1964, 280 pp.
NLL R. 35135

93

A. A. Spirodonov

Sci-Engr
June 66

301,465

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

7

Relationship Between Inevitability and Chance in War,
by Avn N. Shyrov, K. Spirov, 5 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil, No 19,
Oct 1963, pp 90-92.
JPRS 24097

USSR
Mil
Apr 64 254, 215

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spirov, M. S.
PRINCIPAL FEATURES OF THE EVOLUTION AND HOMOLOGY OF THE LYMPH NODES OF THE ABDOMINAL CAVITY IN MAN. Jan/Feb 64, 7p
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T168-T174)

Trans. of Arkhiv Anatomii, Gistologii i Embriologii (USSR) 1963, v. 44, no. 3, p. 91ff.

DESCRIPTORS: *Evolution, *Lymphatic system, Glands, Man, *Abdomen.

(Biological Sciences, TT, v. 11, no. 10)

TT-64-12541-1 (p. T168-T174)

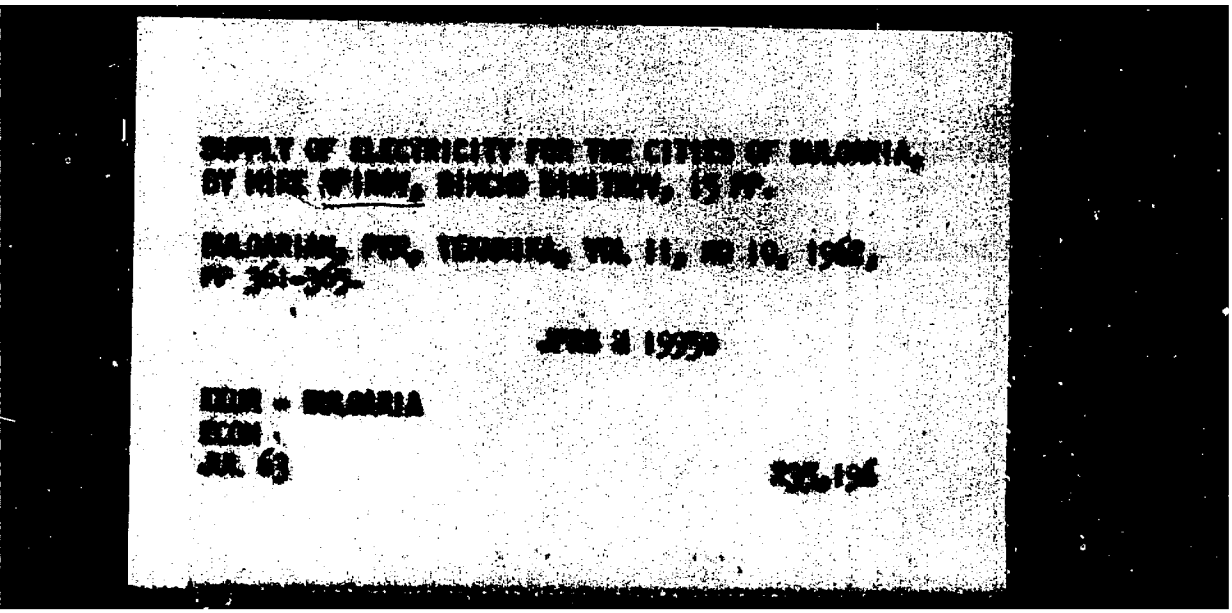
I. Spirov, M. S.
II. Federation of American Societies for Experimental Biology, Washington, D. C.

280535

Office of Technical Services

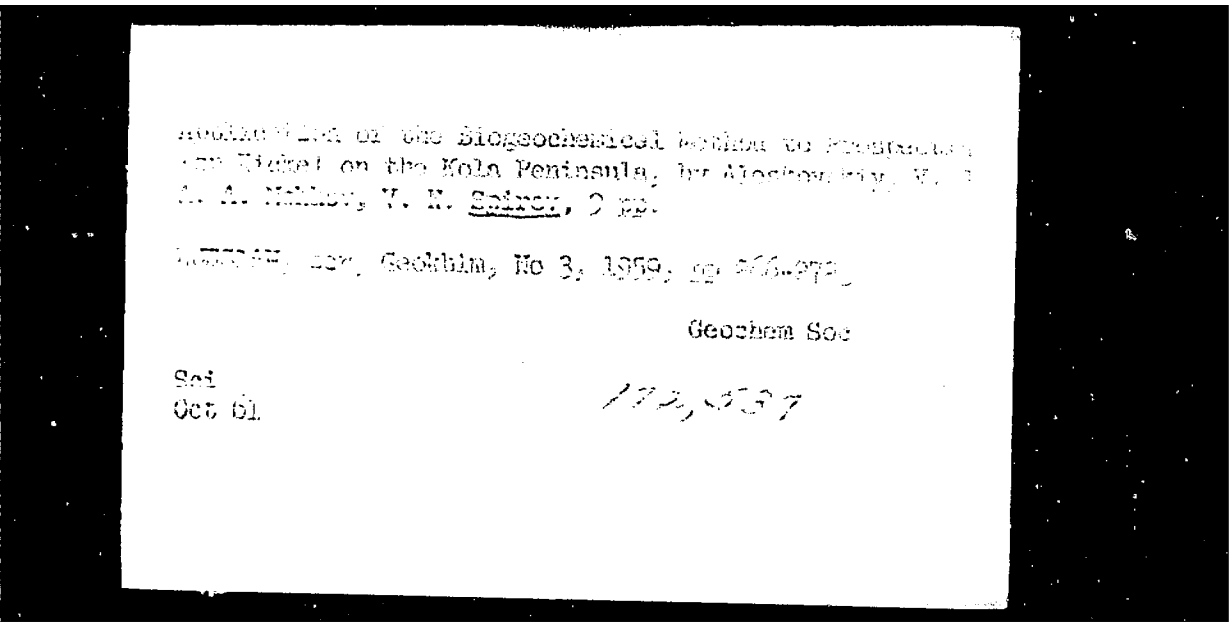
APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



[illegible] on the Biogeochemical Method of Prospecting for Nickel on the Kola Peninsula, by Alekseyeva, V. I., A. A. Nikitin, V. N. Saltykov, 2 pp.

[illegible], Sov. Geokhim, No 3, 1959, pp 266-272

Geochem Soc

Sci
Oct 61

[illegible]

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

An Amplifier for Strain Measurement with Wire Resistance Gages, by K. V. Semenov, V. V. Spirov, 3 pp.

RUSSIAN, per, Izmeritel Tekh, No 6, 1958, pp 36-37.

Instru Soc of Amer

Sci

Apr 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Z. Spitalnik

Processing of Fluorine Wastes From Superphosphate Manufacture, by Z. Spitalnik.
CZECH, per, Chemicky Prumysl, Vol 13, 1963, pp 458-460.
NTC 72-10911-07A

May 72

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Spiteller, G.

THE O-EFFECT IN THE MASS SPECTRA OF AROMATIC COMPOUNDS. [1962] 7p. (figs. formulae refs. omitted).
Order from SLA $1.10

62-18723

Trans. of Monatsh [efte fiir] Chem[ie] (Austria) 1961, v. 92, no. 6, p. 1147-1154.

DESCRIPTORS: *Mass spectroscopy, Benzenes, Ethyl radicals, *Salicylic acids, *Amides, Molecular isomerism, Mass spectrum.

The mass spectrum of O-ethylsalicylic acid amide VIIb is completely different from that of its m- and p-isomers and shows a typical "o-effect" in its mass spectrum. The compounds with the o-effect in the mass spectrum found to date belong to a relatively small group of aromatic compounds with very definite struc-
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

62-18723

1. Spiteller, G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Study of the Structure of Ribosomes; Reversable Unfolding of the Ribosomal Particles into Ribonucleoprotein Strands and a Model of the Packing, by Spirin, A. S. et al.
RUSSIAN, per. Biokhim, Vol. 28, No. 5, pp. 920-930, 1963.
REV: 2-9-65

USSR
Sci-B/M
Mar 65

275,772

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Preparation and Properties of Artificial Complexes of Desoxyribonucleic Acid and Serum Albumin, by V. S. Tongur, B. S. Diskina, D. M. Spitkovsky, 8 pp.

RUSSIAN, per, Biokhim, Vol XXII, No 5, 1957, pp 879-887.

Consultants Bureau

Sci - Med

Jul 58

66 833

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Some Effects Caused by the Two Configurations of DNA, by D. M. Spitkovkiy, P. I. Tseitlin, V. S. Tongur, 11 pp.

RUSSIAN, per, Biofizika, Vol V, No 1, 1960, pp 3-15.

PP

Sci
Aug 60

124,541

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Relation Between Configurational Stability of Deoxyribonucleic Acid and Its Molecular Weight (Problems of Radiosensitive and Radioresistant froms of DNA), by V. S. Tongur, D. M. Spitkovskiy, P. I. Tseitlin, 7 pp.

RUSSIAN, per, Biofiz, Vol VI, No 1, 1961.

PP

Sci

182,724

Jan 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Relation Between Molecular Morphology of Macromolecules of Deoxyribonucleic Acid and Their Radiosensitivity (Problem of the Radiosensitive and Radioresistant Forms of DNA), by P. I. Tseitlin, D. M. Spitkovskiy, N. P. Ryabchenko, 5 pp.

RUSSIAN, per, Biofiz, Vol V, No 4, 1960, pp 393-397.

PP

157,084

Sci

May 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Determination of Certain Molecular Parameters of Deoxyribonucleic Acid by the Method of Viscometry, by D. M. Spitkovskiy, 6 pp.
Russian, rec'd
~~Publ Translation of Soviet Periodical~~ Biofiz, Vol III, No 4, 1958., 402-411.

Pergamon Inst

Sci - Biol

Apr 59

86,043

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Action of Small Doses of Ionizing Radiation in Deoxyribose Nucleoproteins, by V. S. Tongur, N. P. Golubeva, L. S. Diskina, D. M. Spitkovskiy and G. V. Filippova, 6 pp.

RUSSIAN, mo per, Biofiz, Vol II, No 4, 1957, pp 469-475.

Pergamon Inst

S&i - Biol

Jul 58

67,482

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Change in Certain Properties of Desoxyribonucleoproteins as a Function of their Protein Content, by B. S. Diakina, D. M. Spitkovskiy, V. S. Tongur, 4 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 3, 1958, pp 382-387.

Consultants Bureau

Sci - Chem. Biol

Mar 59

83,685.

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Structures and Physico-Chemical Properties of Deoxyribose Nucleoproteins, by D. M. Spitkovskiy, V. S. Tongur, and B. S. Diskina, 12 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958, pp 129-143.

Pergamon Inst

Sci - Med
Feb 59

81, 635

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Study of Nucleoproteins: The Structural Relationship Between Nucleic Acid and Protein in a DNA-α-Chymotrypsin Complex and in Native Nucleoproteins, by B. S. Diskina, D. M. Spitkovskiy, 6 pp.

RUSSIAN, par, Biofiz, Vol III, No 6, 1958, pp 633-640

Pergamon Press

Sci

108, 126

Feb 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Determination by a Viscosimetric Method of the Molecular Weight of Deoxyribosenucleoprotein and of the Deoxyribosenucleic Acid Contained In It, by D. M. SPitkovskiy, P. I. Tseitlin, 3 pp.

RUSSIAN, per, Biofiz, Vol III, No 3, 1958, pp 369-370.

Pergamon Inst

Sci-Med

Mar 59

82,515

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Structures and Physico-Chemical Properties of Deoxyribose Nucleoproteins, by D. M. Spitkovskiy, V. S. Tongur, and B. S. Diskina, 12 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958, pp 129-143.

Pergamon Inst

Sci - Med
Feb 59

81, 635

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Elastic Stretching of Polymers, by E. I. Barg, D. M. Spitkovskiy, N. N. Mel'teva, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 2, 1952, pp 257-260.

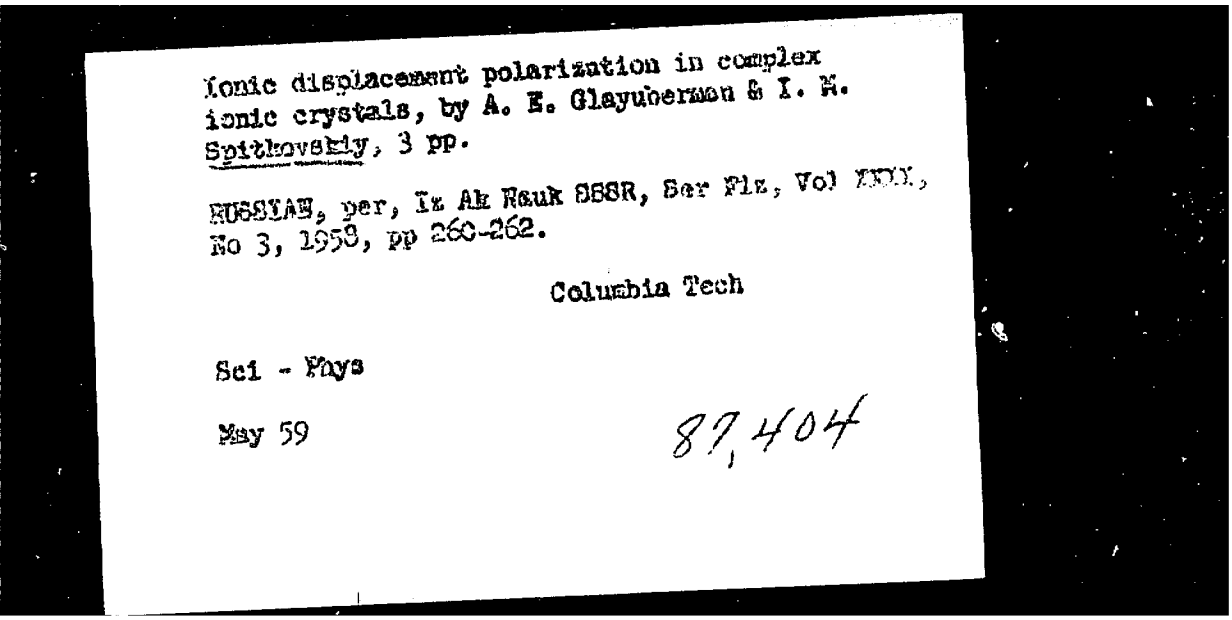
CIA/FDD/X-1345

Scientific - Chemistry
CTS/DEX

14,395

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Ionic displacement polarization in complex ionic crystals, by A. E. Glauberman & I. M. Spitkovskiy, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIX, No 3, 1958, pp 260-262.

Columbia Tech

Sci - Phys

May 59

87,404

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Theory of the Surface Tension of Metals, by I. M. Spitkovskiy.

RUSSIAN, mo per, Zhur Fiz Khim, Vol XXIV, No 9, 1950, pp 1090 - 1093.

AEC Tr 1005

Also WNSF-227

Scientific - Chemistry

Nov 1951 CCS

A111404

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Tables and Graphs for Determining the Moments of Intersection of the Boundaries of the Earth's Shadow by Cosmic Objects, by I. P. Spitsberg.

RUSSIAN, N.

*CB

Sci-Earth Sci & Astron
Jan 64

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

On the Transformation of β-Particle Energies to Electrical Energy in Germanium Crystals with p-n Junctions, by B.M. Vul, V.S. Vavilov, L.S. Smirnov, G.N. Galkin, V.M. Patskevich, [illegible], 6 pp.

A. V. Spitsyn.

RUSSIAN, Per, Atomnaya Energiya, Vol II, No 6, 1957, pp. 533-537.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,057

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Effect of Fast Neutron Irradiation on the Recombination of Electrons and Holes in Germanium Crystals, by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov, M. V. Chukichev, 4 pp.

RUSSIAN, mo per, Zhur Eksper i Teoret Fiz, Vol XXXII, No ~~11~~, ~~Nov~~ 1957, pp 702-705.

4

AmerInst of Phys
Sov Phys-JETP
Vol V, No 4

58.073

Sci - Physics
Jan 58

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Influence of Fast-Neutron Irradiation of Recombination of Electrons and Holes in Germanium Crystals, by V. S. Vavilov, A. V. Spitsyn, L. S. Smirnov, M V. Chukichev,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958, pp 450-458.

AEC NP Tr-448

Sci - Min/Met
27 Oct 60

130,784

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Formation of Crystal Lattice Defects in Germanium by Fast-Electron Bombardment, by V. S. Vavilov, L. S. Smirnov, G. N. Galkin, A. V. Spitsyn, V. M. Patskevich, 4 pp.

RUSSIAN, mo per, Zhur Tekh Fiz, Vol XXVI, No 9, 1956, pp 1865-1869.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

Sci - Phys

54,406

Oct 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Study of Isotope Exchange of Oxygen Between Heavy-Oxygen Water and Certain Niobates and Tantalates, by I. Spitsyn, A. V. Lapitskiy, R. I. Aistova, D. Nishanov, V. A. Pchelkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 1, 1958, pp 107-109.

Consultants Bureau

Sci - Chem

Jun 59

88,820

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Effects of High-Energy Electrons on Platinum Complexes, by I. Spitsyn, G. N. Pirogova, A. K. Pikayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2, 1960, pp 406-408.

AT= - 3, m43R
CB

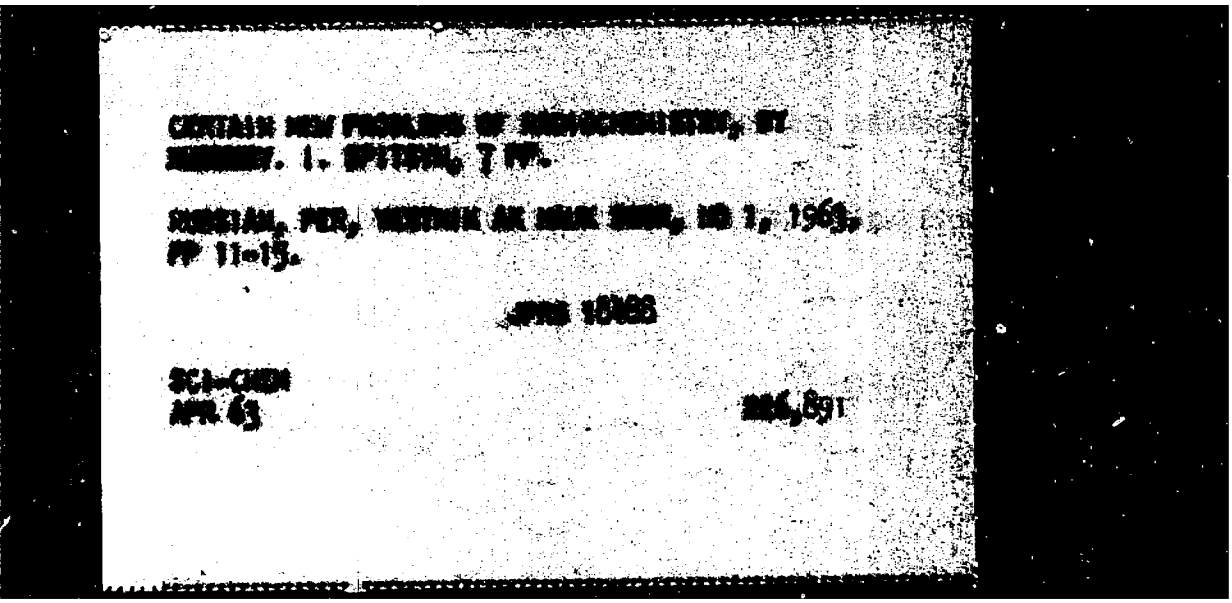
Sci

Apr 61

149/129

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Chemical and Electrochemical Properties of Technetium in Aqueous Solutions, by I. Spitsyn.
RUSSIAN, rpt, Proceedings of the Third International Conference on the Peaceful Uses of Atomic Energy, 31 Aug-9 Sept 1964, Vol 10,
CIA X-6712

I. Spitsyn

Aug 68 364,624

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

(DC-5487)

Successes of Soviet Electric Spindle Making, by N. A. Spitsyn, 7 pp.

RUSSIAN, per, Iz. Vyasshikh Ucheb Zaved., Mash, No 11, 1960, pp 130-134.

JPRS 8333

155457

Sci - Electricity

Jun 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Natural Tularaemia Foci of the Ravine-Steppe Type, by V. P. Borodin, N. A. Spitsyn, A. P. Samsonova, A. P. Koroleva, V. P. Chunikhin, 7 p.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol, Vol XXX, No 3, 1959, pp 35-40.

Pergamon Press

Sci

Apr 60

112, 382

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Researches in the Field of Rolling Contact Bearings, by N. A. Spitsyn. UNCL

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 3, pp 3-8.

DSIR LLL RTS 1301

(15s. 0d.)

Scl - Engr
Feb 60

107,250

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Obtaining Anti-Anthrax Serum From Horses and Rams by the Method of Hyperimmunization with the Anthrax Vaccinal Strains "STI" by ~~Mar-~~ Spitsyn, N. A. UNCLASSIFIED

RUSSIAN, per, Veterinariya, Vol XXI, No 1, Jan 1944, pp 22-24.

20,263 USDA

Scientific - Medicine, Biology Dec 54 CIS

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Study of Isotope Exchange [redacted] Between Gaseous Oxygen and Alkali Metal Sulfates at High Temperature, by Associate Member of the Academy of Sciences, USSR Viktor I. Spitsyn and V. G. Finikov, 4 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CVIII, No 3, pp 491-

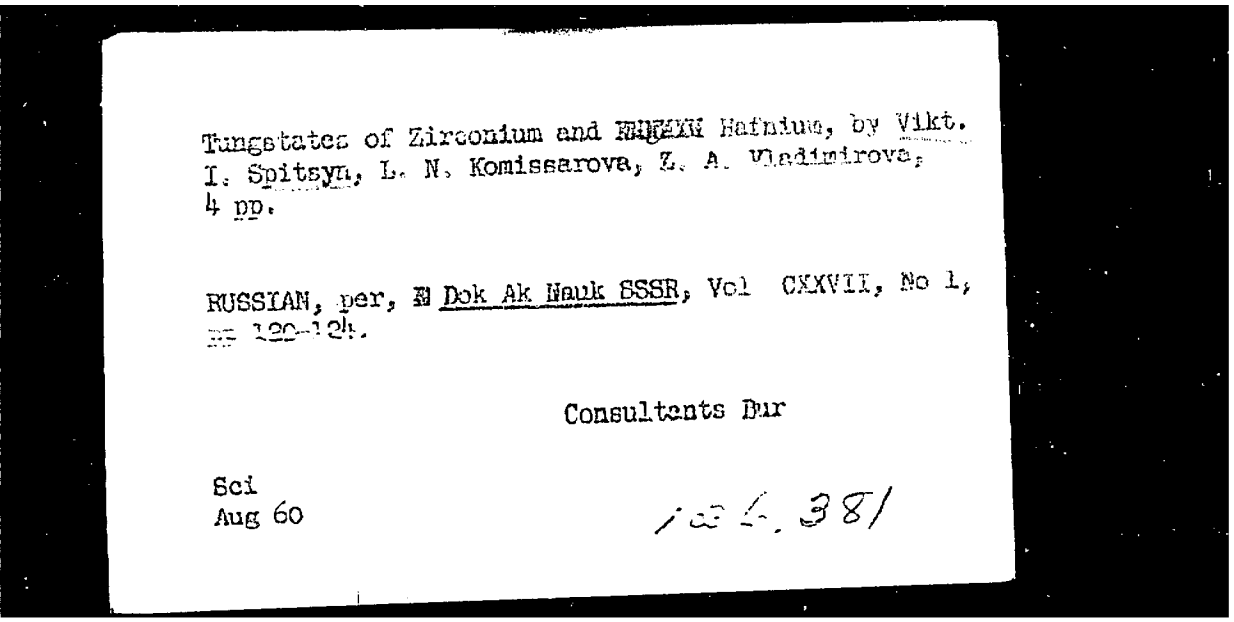
Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,180

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Tungstates of Zirconium and ~~Hafnium~~ Hafnium, by Vikt. I. Spitsyn, L. N. Komissarova, Z. A. Vladimirova, 4 pp.

RUSSIAN, per, ~~Dok~~ Dok Ak Nauk SSSR, Vol CXXVII, No 1, ~~pp~~ 120-124.

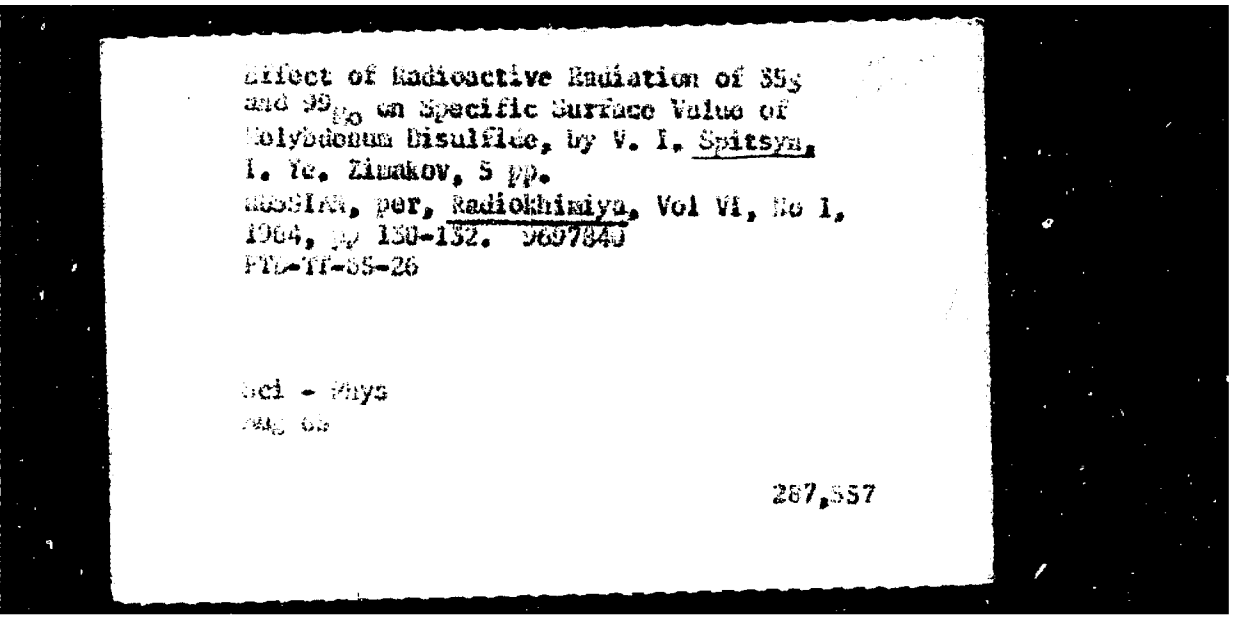
Consultants Bur

Sci
Aug 60

ja 4.381

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



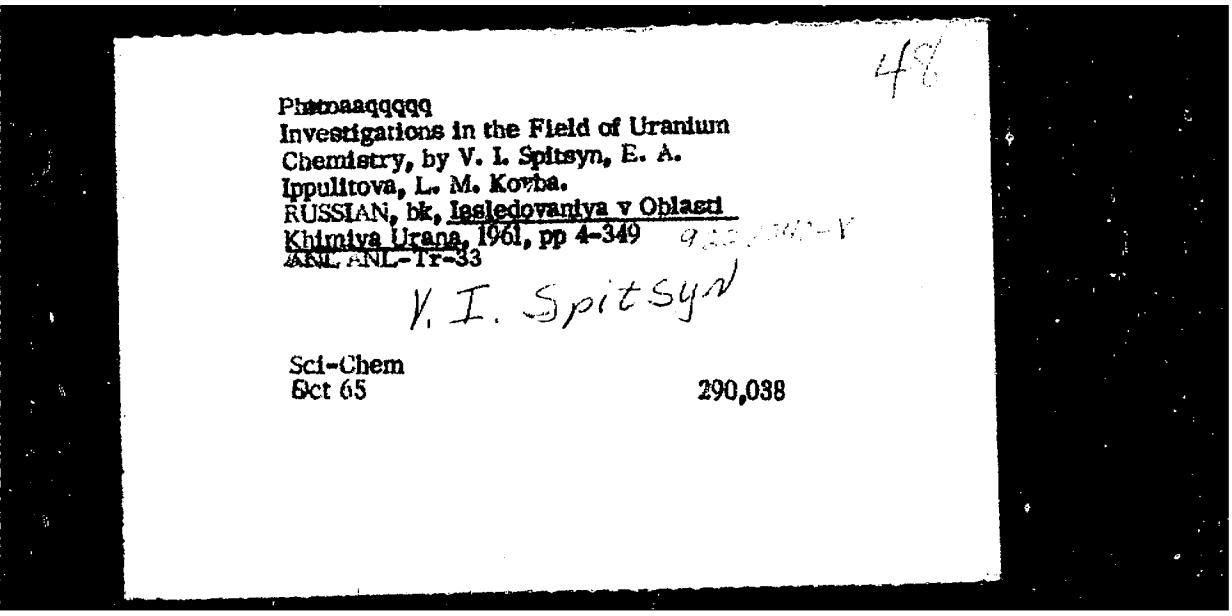
Effect of Radioactive Radiation of 35_S and 99_{Mo} on Specific Surface Value of Molybdenum Disulfide, by V. I. Spitsyn, I. Ye. Zimakov, 5 pp.
[illegible], per, Radiokhimiya, Vol VI, No 1, 1964, pp 130-132. 9607845
FTD-TT-65-26

Sci - Phys
[illegible]

287,557

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



49

Photoaaqqqqq
Investigations in the Field of Uranium Chemistry, by V. I. Spitsyn, E. A. Ippulitova, L. M. Kovba.
RUSSIAN, bk, Issledovaniya v Oblasti Khimiya Urana, 1961, pp 4-349
ANL ANL-Tr-33

V. I. Spitsyn

Sci-Chem
Oct 65 290,038

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

On the Influence of the Radioactive Radiation of a Solid Body on Its Catalytic Properties by, A.A. Balandin, Vikt. I. Spitsyn, N.P. Dobrosel'skaya, 5pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1961, pp. 565-570.

CB

200, 666

Sci.
April 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Effect of the Radioactivity of Molybdenum Trioxide on the Velocity of Its Evaporation, by V. I. Spitsyn, I. E. Zimakov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 3, 1961, pp 654-657.

CB

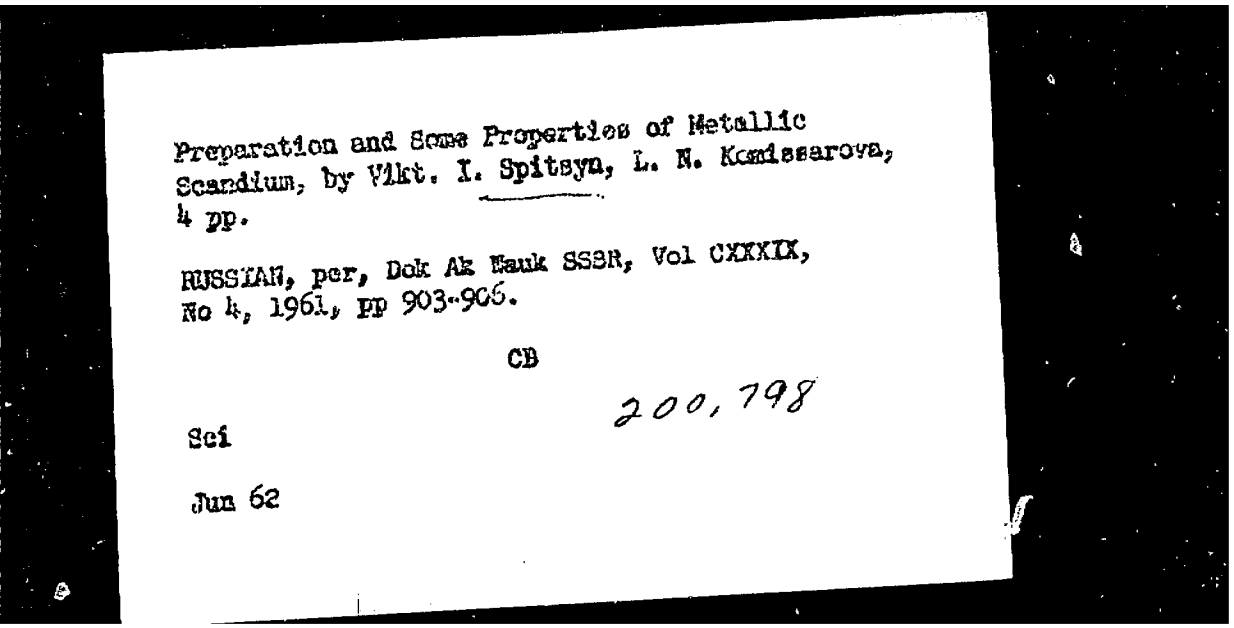
Sci

190,319

Apr 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Preparation and Some Properties of Metallic Scandium, by Vikt. I. Spitsyn, L. N. Komissarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 4, 1961, pp 903-906.

CB

200,798

Sci

Jun 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Electron-Microscope Study of the Effect of Radioactive Radiation of Solids on Their Surface Structure, by Vikt. I. Spitsyn, L. I. Zemlyanova, I. E. Mikhailenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 5, 1961, pp 1163-1165.

CB

Bol 190,328

Apr 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

An Apparatus for Studying Processes of Heterogeneous Catalysis at High Temperature Using Radioactive Catalysts and Ionizing Radiations, by A. A. Balandin, V. I. Spitsyn, et al, 6 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4, 1961, pp 626-632.

CB

Sci

Jun 62

200,431

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Separation of Pa^{233} Without a Carrier From Thorium Nitrate Preparations Irradiated by Slow Neutrons, by V. I. Spitsyn, M. M Golutvina, 3 pp.

RUSSIAN, per, Atom Energ, Vol VIII, No 2, 1960, pp 117-120.

CB

Sci

158, 501

Jun 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

New Data on the Effects of Radioactive Solids on Heterogeneous Isotopic Exchange, by I. E. Mikhaylenko, V. I. Spitsyn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 1, 1960, pp 129-132.

CB

149,759

Sci

Apr 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Effects of External Radiation on the Isotopic Exchange of Sulfur in the $K_2{}^*SO_4$-SO_3 System at High Temperature, by V. I. Spitsyn, I. E. Mikhaylenko, I. V. Vereshchinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 2, ~~pp~~ 1960, pp 360-363.

CB

149 751

Sci

Apr 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

CEA-tr-R-1313 Uncl.

ETUDE DE L'ACTION DU RAYONNEMENT EXTERNE SUR LE TAUX D'ÉCHANGE ISOTOPIQUE DE SULFURE DANS LE SYSTÈME K_2SO_4 - SO_3 À HAUTES TEMPERATURES.
(Study of the Action of External Radiation on the Isotopic Exchange Rate of Sulfur in the K_2SO_4 - SO_3 System at High Temperatures).
V. I. Spitsyn (Spitzine), I. E. Mikhailenko, I. V. Vereshchinskii, and P. Ya. Glazunov.
Translated into French from Doklady Akad. Nauk S.S.S.R., 131: 360-3(1960). 10p. 9C92306

Chemistry; Translations MC-4

C-4 NP NSA Dep.(mc); $1.10(fs), $0.80(mf)
JCL or LC
N-7

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Effects of Radiation on the Solubility of Radioactive Solids, by V. I. Spitsyn, E. A. Torchenkova, I. N. Glazkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 3, 1960, pp 643-645.

CB

Sci

Apr 61

149/157

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Effect of Specific Radioactivity of Cerium Oxalate on its Solubility, Vikt. I. Spitsyn, N. G. Moshchanskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4, 1960, pp 859-861.

CB

Sci

Apr 61

149,189

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Effect of β-Radiation of S^{35} on Isotopic Exchange of Oxygen in the System $Na_2SO_4 - O_2^{18}$, By
Vikt. I. Spitsyn, V. G. Finikov, XX 4
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1381-1383.

CB

Sci
Apr 61

149, 167

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

New Data on the Effect of Radioactive Radiation on Solids and External Radiation on Some Heterogeneous Chemical Processes, by Vikl. I. Spitsyn, 7 pp

RUSSIAN, per, Iz Ak Nank SSR, Otdel Khim Nauk, No 8, 1960, pp 1325-1332.

CB

Sci

169, 402

Sep 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

The Solubility of Some Sparingly Soluble Alkali Salts of heteropoly-Acids, by Vikt. I. Spitsyn and N. B. Babayev, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 3, 1960, pp 580-585.

Cleaver-Hume Press

Sci

Oct 60

130,134

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Chromatographic Purification of Technetium, by A. F. Kuzina, Vikt. I. Spitsyn, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 5, 1960, pp 1006-1012.

Cleaver-Hume

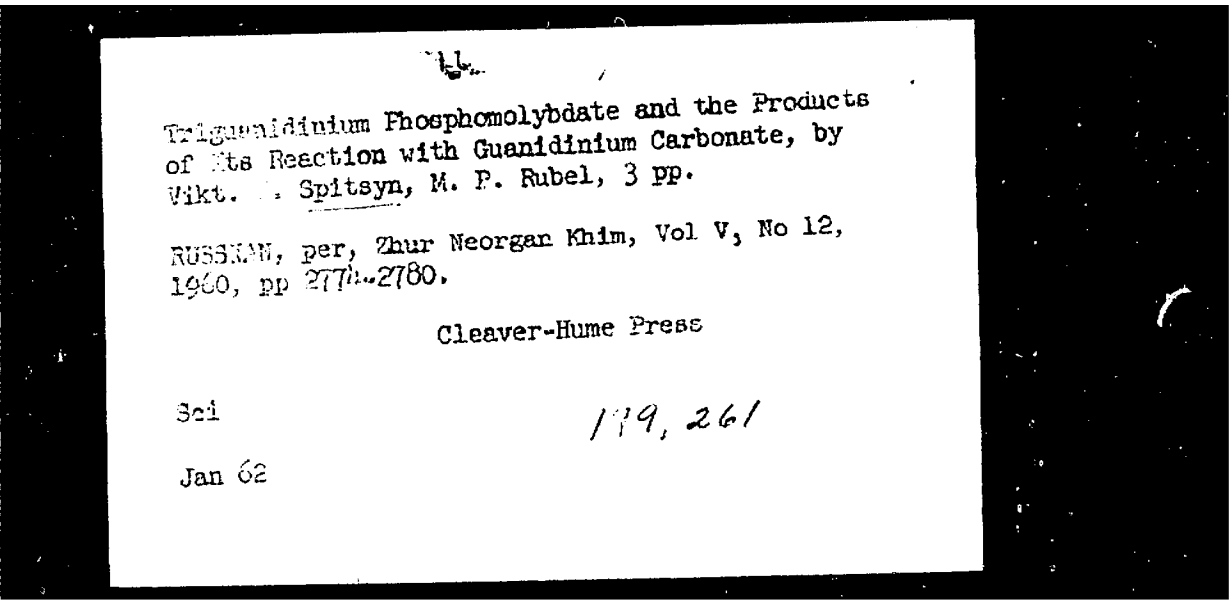
Sci

Feb 61

138,334

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0



Triguanidinium Phosphomolybdate and the Products of Its Reaction with Guanidinium Carbonate, by Vikt. [illegible] Spitsyn, M. P. Rubel, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 12, 1960, pp 2774-2780.

Cleaver-Hume Press

Sci

179, 261

Jan 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Isotopic Exchange Between Free Oxygen and Several Silicon Compounds, by V. I. Spitsyn, V. G. Finikov, 2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1959, pp 1351, 1352.

SLA 60-10945

Sci

OTS, Vol III, No 6 126,890

Sep 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Tasks in the Investigation of Complex Compounds in Their Relation to the Chemical Problems of the Seven-Year Plan, by Vikt. I. Spitsyn, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1959, pp 2067-2072.

CB

Sci
Oct 60

130,314

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

Adsorption of Radiostrontium by Some Soils and Soil Materials, by V. I. Spitsyn, V. V. Gromov, 5 pp.

RUSSIAN, per, Pochvovedeniye, No 12, 1959, pp 45-5

AIBS

Sci

156,250

Jun 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0

An Examination of the Influence of Water on the Structure of Sodium Para- and Metatungstates from the Infrared, by Yu. F. Berezkina, V. I. Spitsyn, 4 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 4, 1959, pp 823-829.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,517

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100080003-0